M. A. RICHARDSON.

Boot-Jack.

No. 168,107. Patented Sept. 28, 1875.

Fig. 1.

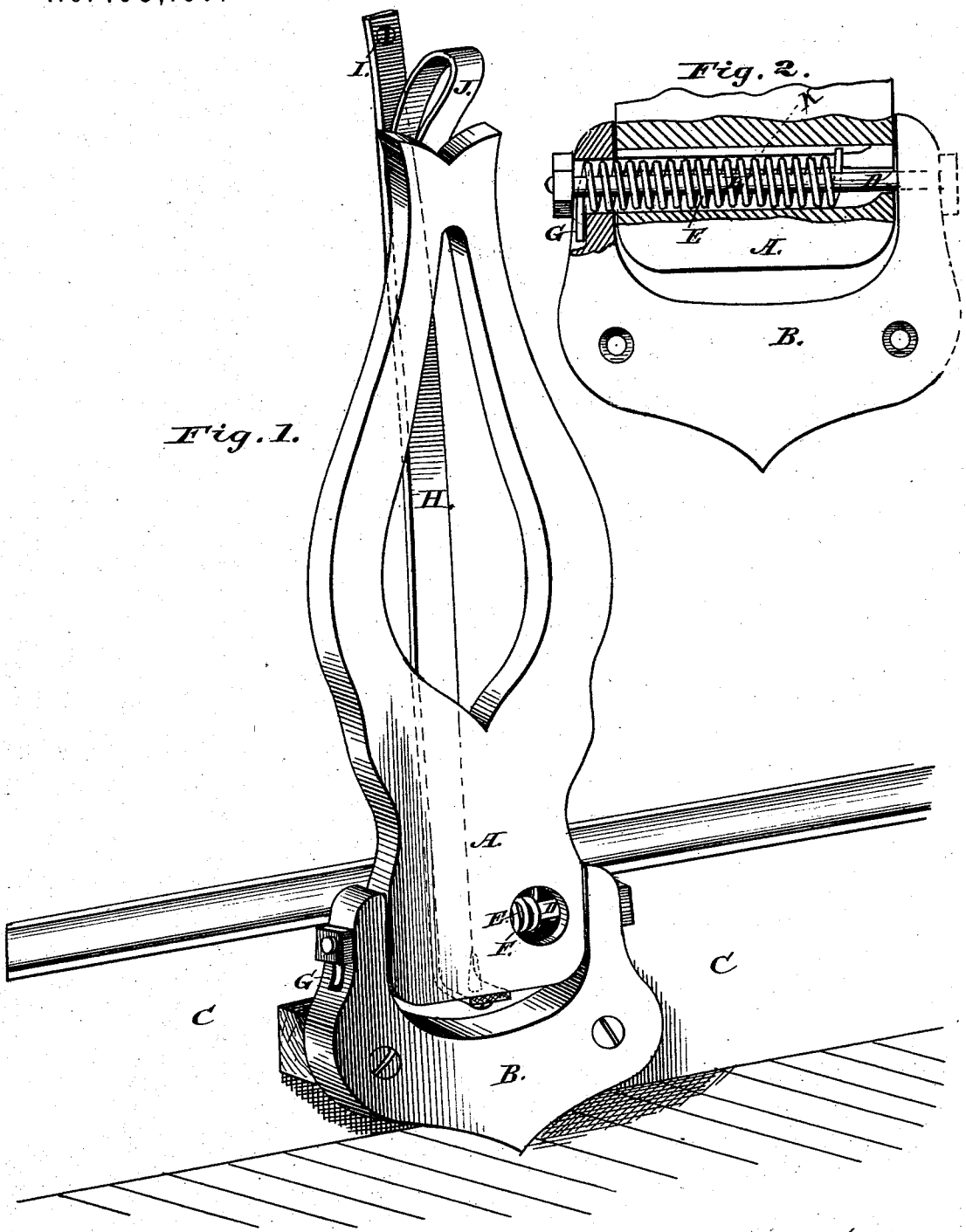

Fig. 2.

Witnesses:
George Palliser.
J. Wilbur Parrott.

Inventor:
Milo A. Richardson

UNITED STATES PATENT OFFICE.

MILO A. RICHARDSON, OF BRIDGEPORT, CONNECTICUT, ASSIGNOR TO EDWIN RIPLY, OF SHERMAN, NEW YORK.

IMPROVEMENT IN BOOT-JACKS.

Specification forming part of Letters Patent No. **168,107**, dated September 28, 1875; application filed June 17, 1875.

To all whom it may concern:

Be it known that I, MILO A. RICHARDSON, of Bridgeport, in the county of Fairfield and in the State of Connecticut, have invented certain new and useful Improvements in Boot-Jacks; and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings and to the letters of reference marked thereon, making a part of this specification.

My invention relates to boot-jacks; and it consists of a spring of peculiar construction and arrangement, which automatically returns the foot-board of the boot-jack to an upright position against the wall after it has been used, the foot-board turning on a bolt, by which it is attached to a bracket or cleat which is fastened to the base-board of the room.

Figure 1 is a perspective view of the entire invention as it appears in an upright position against the wall, and Fig. 2 is a sectional view of the lower portion of the foot-board and the bracket which is attached to the base-board. This view is for the purpose of showing the construction of the spring.

A represents the foot-board, provided with a suitable orifice for the foot, and a hole for the bolt and spring, and a slot, K, for the end of the spring on the lower end. This foot-board, and the bracket also, I prefer to make of wood; but they may be made of metal. B represents the bracket, which is provided with a hole for the bolt, and a cleat on the back side, to bring it a proper distance from the base-board, to which it is attached by screws, to allow the end of the foot-board to play between the bolt and base-board. C represents a section of the base-board; D, the bolt by which the parts are connected; E, the spring, the position of which is shown at F in Fig. 1, a hole being cut for that purpose only; G, the slot through which the projecting end of the spring is inserted through the side of the bracket; H, the strap; I, the screw by which the end of the strap is attached to the wall, and J the loop in the strap which is used to operate the foot-board.

The parts are adjusted in the following manner: Insert the end of the spring which has the shortest projection through the left-hand side of the bracket B at G, as represented in Fig. 2. Turn the spring around, place the foot-board in position, and insert the spring, placing the end of the projecting wire firmly in the slot of the bracket at G, and put the bolt in place. Then fasten the strap on the lower end of the foot-board, with the end toward the front, and pass the strap up the back side of the foot-board. Now screw the bracket to the base-board, and the end of the strap to the wall, and the boot-jack will be in an upright position. Now place the forefinger in the loop and pull outward, and the foot-board will drop into position for use, thus winding up the spring, the inner projecting end of which is in the slot in the foot-board. After using the boot-jack the foot-board is automatically returned to its upright position against the wall by the unwinding of the spring.

Having thus fully described my invention, what I claim as new, and desire to secure by Letters Patent, is—

The spring C, in combination with the foot-board A, provided with the slot K, the bracket B, provided with the slot G, and the bolt D, substantially as and for the purposes herein set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 15th day of June, 1875.

MILO A. RICHARDSON.

Witnesses:

J. WILBUR PARROTT,

WM. J. BAULIEU.